



Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116773		APPLICATION NO. 10/631,854	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Shinji IWATSUKA			
				FILING DATE August 1, 2003		2873	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
RAJ	1	5,477,376	12/19/1995	IWATSUKA et al	—	—	
	2	5,521,741	5/28/1996	UMEZAWA et al	—	—	
	3	5,535,046	7/9/1996	SHIRAI et al	—	—	
	4	5,812,304	9/22/1998	SHIRASAKI et al	—	—	
	5	5,844,710	12/1/1998	FUKUSHIMA	—	—	
	6	5,867,300	2/2/1999	ONAKA et al	—	—	
	7	5,889,609	3/30/1999	FUKUSHIMA	—	—	
	8	5,973,821	10/26/1999	ONAKA et al	—	—	
	9	5,999,305	12/7/1999	FUKUSHIMA	—	—	
	10	6,018,411	1/25/2000	FUKUSHIMA et al	—	—	
	11	6,018,412	1/25/2000	FUKUSHIMA	—	—	
	12	6,055,104	4/25/2000	CHENG	—	—	
	13	6,108,120	8/22/2000	KAWAI et al	—	—	
	14	6,198,567	3/6/2001	BERGMANN	—	—	
	15	6,275,323	8/14/2001	FUKUSHIMA	—	—	
	16	6,278,547	8/21/2001	BETIN	—	—	
	17	6,288,827	9/11/2001	KAWAI et al	—	—	
	18	6,333,806	12/25/2001	ONAKA et al	—	—	
	19	6,384,957	5/7/2002	IKEDA et al	—	—	
	20	6,392,784	5/21/2002	IKEDA et al	—	—	
	21	6,417,952	7/9/2002	KAWAI et al	—	—	
RAJ	22	6,507,422	1/14/2003	FUKUSHIMA	—	—	

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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>ALL</i>	23	JP A 2003-107420 w/ Abst & Tran	4/9/2003	JAPAN		
	24	JP A 2002-258229 w/ Abst & Tran	9/11/2002	JAPAN		
	25	JP A 2001-142040 w/ Abst & Tran	5/25/2001	JAPAN		
	26	JP A 2000-28967 w/ Abst & Tran	1/28/2000	JAPAN		
	27	JP A 09-288256 w/ Abst & Tran	11/4/1997	JAPAN		
	28	JP A 07-306390 w/ Abst & Tran	11/21/1995	JAPAN		
	29	JP A 11-212043 w/ Abst & Tran	8/6/1999	JAPAN		
	30	JP A 2001-249313 w/ Abst & Tran	9/14/2001	JAPAN		
	31	JP A 11-249095 w/ Abst & Tran	9/17/1999	JAPAN		
	32	JP A 10-161076 w/ Abst & Tran	6/19/1998	JAPAN		
	33	JP A 11-119178 w/ Abst & Tran	4/30/1999	JAPAN		
	34	JP A 06-51255 w/ Abst & Tran	2/25/1994	JAPAN		
	35	JP A 09-236784 w/ Abst & Tran	9/9/1997	JAPAN		
	36	JP A 10-90639 w/ Abst & Tran	4/10/1998	JAPAN		
	37	JP A 09-61770 w/ Abst & Tran	3/7/1997	JAPAN		
<i>ALL</i>	38	JP A 07-104225 w/ Abst & Tran	4/21/1995	JAPAN		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER	<i>R. Hanig</i>				DATE CONSIDERED <i>08/30/04</i>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: September 2, 2003